



SAFETY DATA SHEET

DESCALE

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME	DESCALE
PRODUCT NO.	A178 EV
INTERNAL ID	P.65
APPLICATION	Acidic Liquid for Descaling Dish and Glass Washing Machines.
SUPPLIER	Evans Vanodine International Brierley Road Walton Summit Preston. PR5 8AH Tel: 01772 322 200 Fax: 01772 626 000 qclab@evansvanodine.co.uk
EMERGENCY TELEPHONE	New Safety Data Sheets - 8.30am to 4.45pm - 01772 322 200 - Mon to Fri Technical Advice - 8.30am to 4.45pm - 01772 318 818 - Mon to Fri

2 HAZARDS IDENTIFICATION

Irritating to eyes and skin.

CLASSIFICATION Xi;R36/38.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
METHANESULPHONIC ACID	200-898-6	75-75-2	5-10%	C;R34
C8-14 ALCOHOL ETHOXYLATE ALKOXYLATE			1-5%	Xn;R22.

The Full Text for all R-Phrases are Displayed in Section 16

4 FIRST-AID MEASURES

INHALATION

Not relevant. Inhalation unlikely.

INGESTION

DO NOT INDUCE VOMITING! Rinse mouth thoroughly. Drink a few glasses of water or milk. Get medical attention immediately!

SKIN CONTACT

Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.

EYE CONTACT

Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

SPECIFIC HAZARDS

By heating and fire, harmful vapours/gases may be formed.

DESCALE

PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Avoid contact with skin and eyes.

ENVIRONMENTAL PRECAUTIONS

Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

SPILL CLEAN UP METHODS

Small quantities may be flushed to drains with plenty of water. Large Spillages Pick up with vacuum or absorbent solid, store in closed container for disposal.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid contact with skin and eyes. DO NOT mix with other chemicals.

STORAGE PRECAUTIONS

Store at moderate temperatures in dry, well ventilated area. Keep in original container. Store away from Oxidising material. (eg Hypochlorite)

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

INGREDIENT COMMENTS

WEL = Workplace Exposure Limit for COSHH assessments in the UK, -----

ST = Short-Term Exposure Limit (15 minute) & LT = Long-Term Exposure Limit (8 hours).

ENGINEERING MEASURES

Not relevant.

RESPIRATORY EQUIPMENT

Respiratory protection not required.

HAND PROTECTION

For prolonged or repeated skin contact use suitable protective gloves. (Household rubber gloves.)

EYE PROTECTION

Eye protection recommended.

OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of skin contact.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid		
COLOUR	Clear Red		
ODOUR	Faint		
SOLUBILITY	Soluble in water		
BOILING POINT (°C)	105	MELTING POINT (°C)	-4
RELATIVE DENSITY	1.039 @ 20 °c	pH-VALUE, CONC.	0.70
		SOLUTION	
FLASH POINT (°C)	Boils without flashing		

10 STABILITY AND REACTIVITY

STABILITY

No particular stability concerns.

MATERIALS TO AVOID

Concentrated alkaline materials. Chlorine releasing materials will liberate toxic chlorine gas.

11 TOXICOLOGICAL INFORMATION

DESCALE

TOXICOLOGICAL INFORMATION

Refer to section 2.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

Potentially hazardous due to the acidity of the product.

BIOACCUMULATION

The product does not contain any substances expected to be bioaccumulating.

DEGRADABILITY

This product, at use dilutions, is readily broken down in biological effluent treatment plants.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Discharge used solutions to drain. Small amounts (less than 5 Litres) of unwanted product may be flushed with water to sewer. Larger volumes must be sent for disposal as special waste. Rinse out empty container with water and consign to normal waste.

14 TRANSPORT INFORMATION



PROPER SHIPPING NAME	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (Contains: METHANESULPHONIC ACID)		
UN NO. ROAD	3265	ADR CLASS	Class 8: Corrosive substances.
ADR PACK GROUP	II	RID CLASS NO.	Class 8: Corrosive substances.
RID PACK GROUP	II	UN NO. SEA	3265
IMDG CLASS	Class 8: Corrosive substances.	IMDG PACK GR.	II
MARINE POLLUTANT	No.	UN NO. AIR	3265
AIR CLASS	Class 8: Corrosive substances.	AIR PACK GR.	II

15 REGULATORY INFORMATION

LABELLING



Irritant

RISK PHRASES

R36/38 Irritating to eyes and skin.

SAFETY PHRASES

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 S24/25 Avoid contact with skin and eyes.
 S2 Keep out of the reach of children
 S46 If swallowed, seek medical advice immediately and show this container or label.

DESCALE

S50A

Do not mix with other chemicals especially chlorine releasing bleaches as toxic gas will be evolved.

ENVIRONMENTAL LISTING

Hazardous Waste (England and Wales) Regulations.

EU DIRECTIVES

System of specific information relating to Dangerous Preparations. 2001/58/EC. As amended by Directive 93/112/EC, 2001/58/EC and 2006/8/EC.

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations. 2008

APPROVED CODE OF PRACTICE

The compilation of safety Data Sheets L130.

GUIDANCE NOTES

Workplace Exposure Limits EH40. As amended in 2005. Approved guide to the Classification and Labelling of Substances and Preparations Dangerous for Supply. L100

16 OTHER INFORMATION

INFORMATION SOURCES

Approved Supply List - HSC (Health & Safety Commission) Material Safety Data Sheet, Misc. manufacturers.

REVISION COMMENTS

Slight change to Packing Group in Transport Section 14

REVISION DATE 06/07/09

REV. NO./REPL. SDS Issue 5

GENERATED

RISK PHRASES IN FULL

R22 Harmful if swallowed.

R34 Causes burns.